

OMNI THRUSTER FOR SINGLE OR TWIN INBOARD MOTOR BOATS

ABSTRACT: A device for enhancing the maneuverability of inboard motor boats, comprising a high velocity water jet pump, attached to the main propulsion engine, through an electromagnetic clutch, controlled from the cock pit. High velocity water flows from the pump's outlet, to bow and stern side jet nozzles, through solenoid valves, individually controlled, by electric switches A, B and C, on the boat's cockpit. Prime benefits are, by using jet thrust forces in pairs, fore and aft, the boat will turn twice as fast and more accurately. Also with this combination, the boat can also move sideways when needed, in restricted berths, easy and fast. Secondary benefits: We can fight a fire on board, or on any other vessel. We can pump out plenty of bilge water, when the bilge pumps cannot do. We can also divert, the pump's entire outlet to the transom jet nozzles and use it as auxiliary propulsion power, when circumstances ask for it, and legally avoid paying salvage charges, instead of towage, if we need one.